

FIG. 1

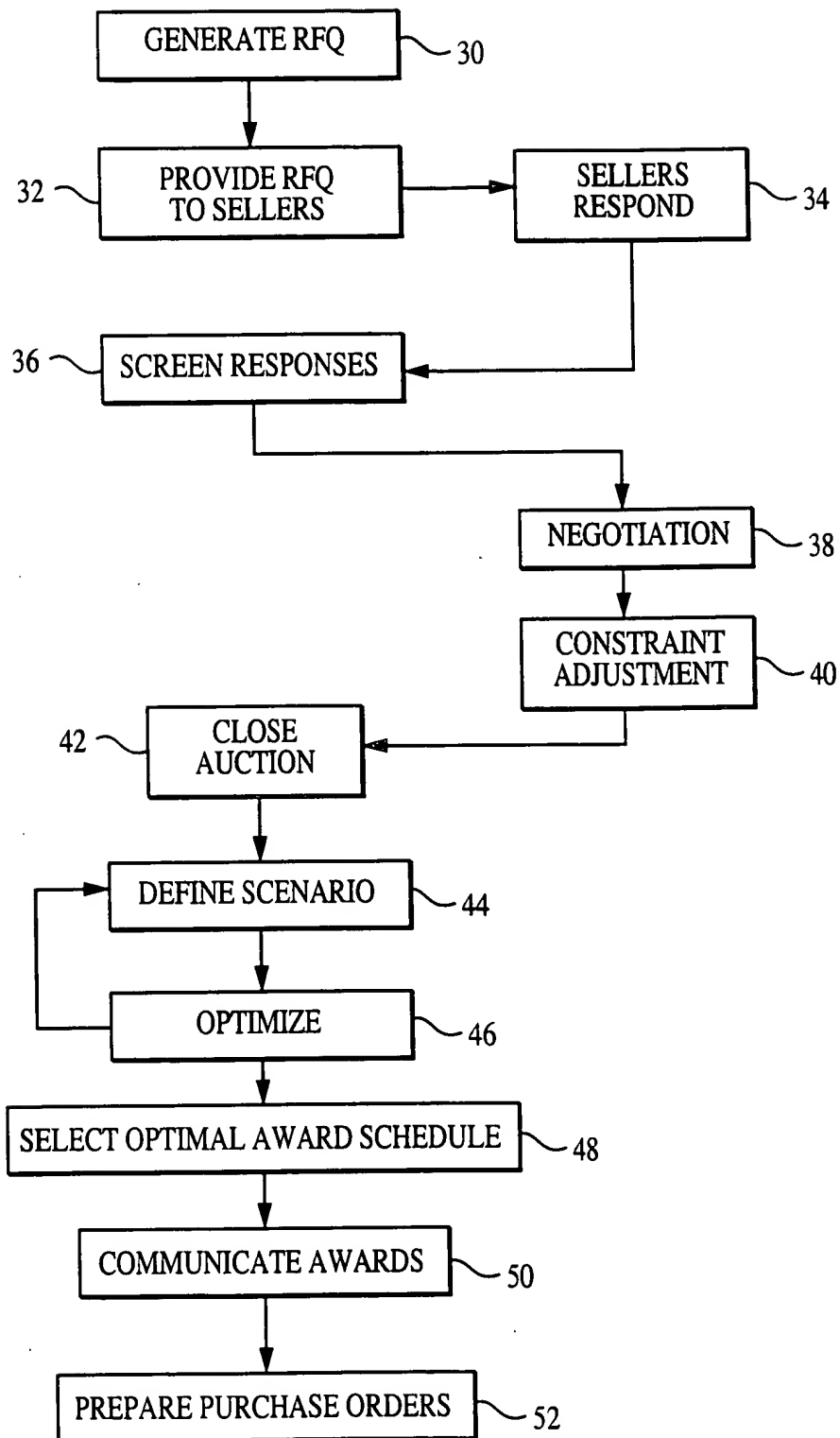


FIG. 2

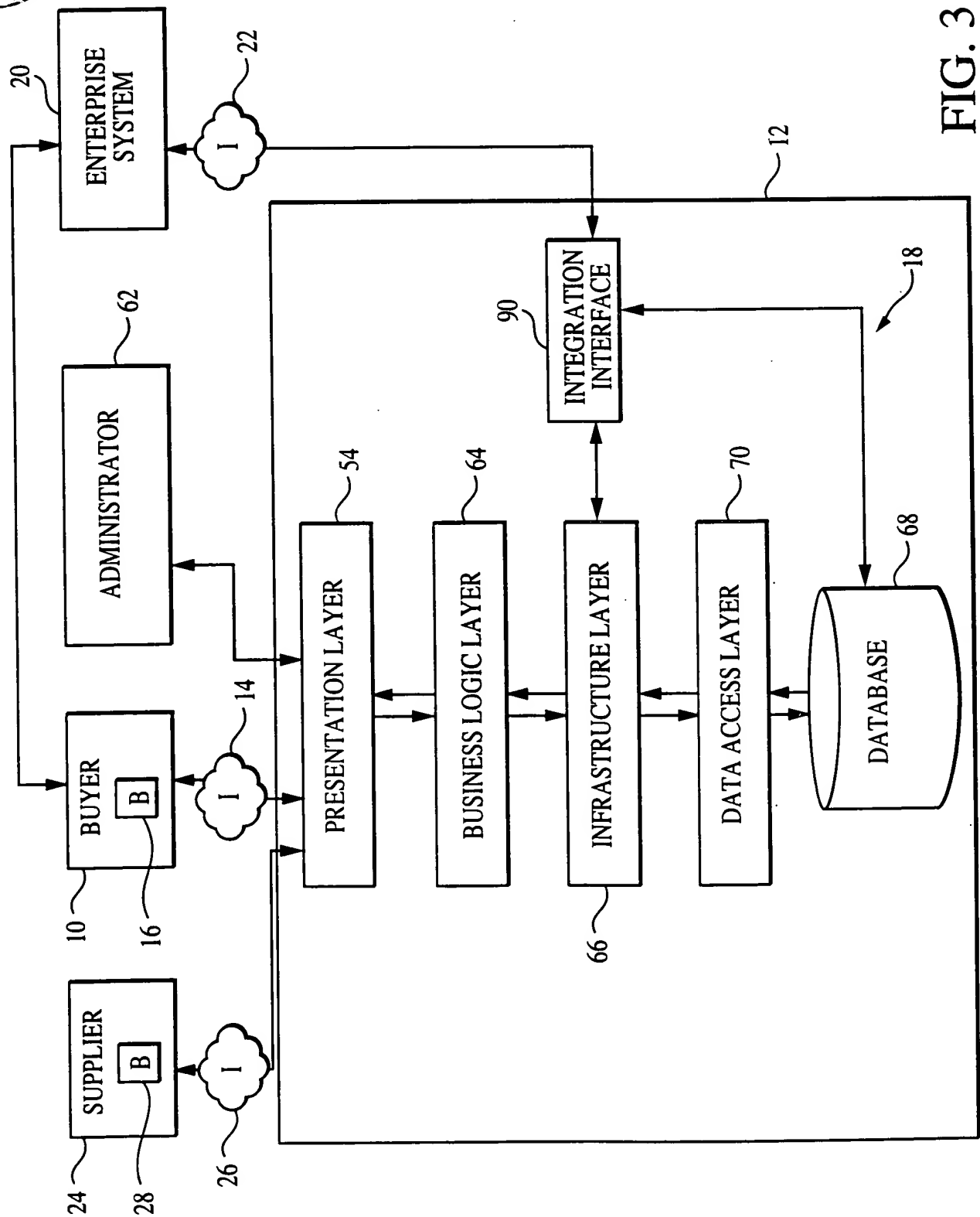


FIG. 3

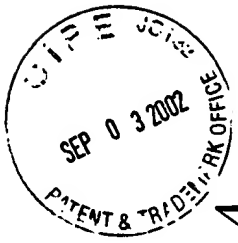
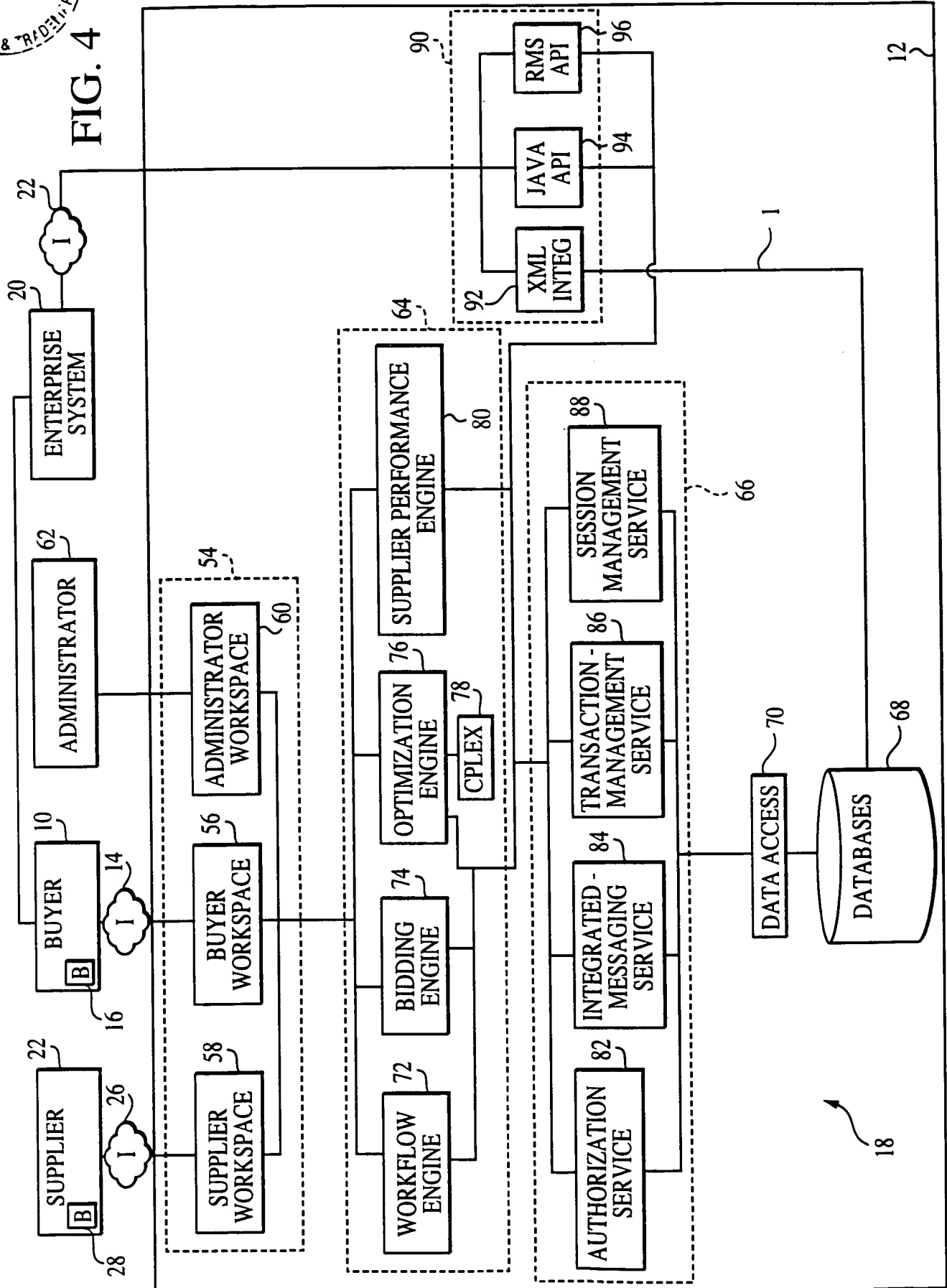


FIG. 4



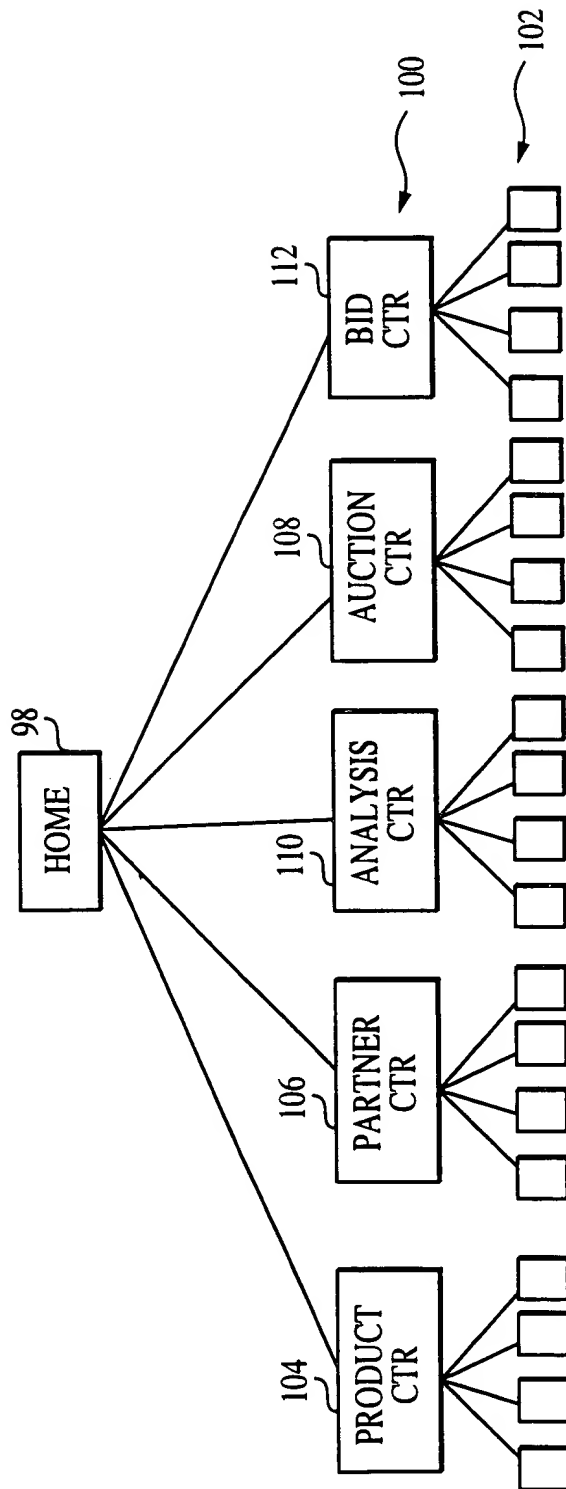
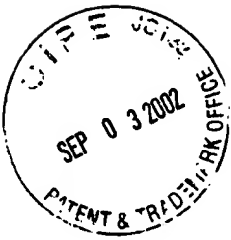


FIG. 5

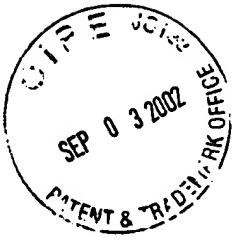


FIG. 6

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

electronic procurement
application for
strategic sourcing

ePass

Buyer Home

Supplier Home

Registration Form

Please fill in the following for (* indicating required fields):

Organization Information:

Organization Type (*)	Seller ▼
Organization Name (*)	ABC Co.
Code (*)	ABCCO
Description (*)	ABC Electronics
URL (*)	http://www.doil.com

Default Organization User:

Login Name (*)	ABCSeller
Name (*)	AI Tradings
Email Address (*)	al@bigbuy.com
Fax Number	
Phone Number (*)	123-123-1234
Select Password (*)	****
Re-enter password (*)	****

Proceed

Reset

Done

Local intranet

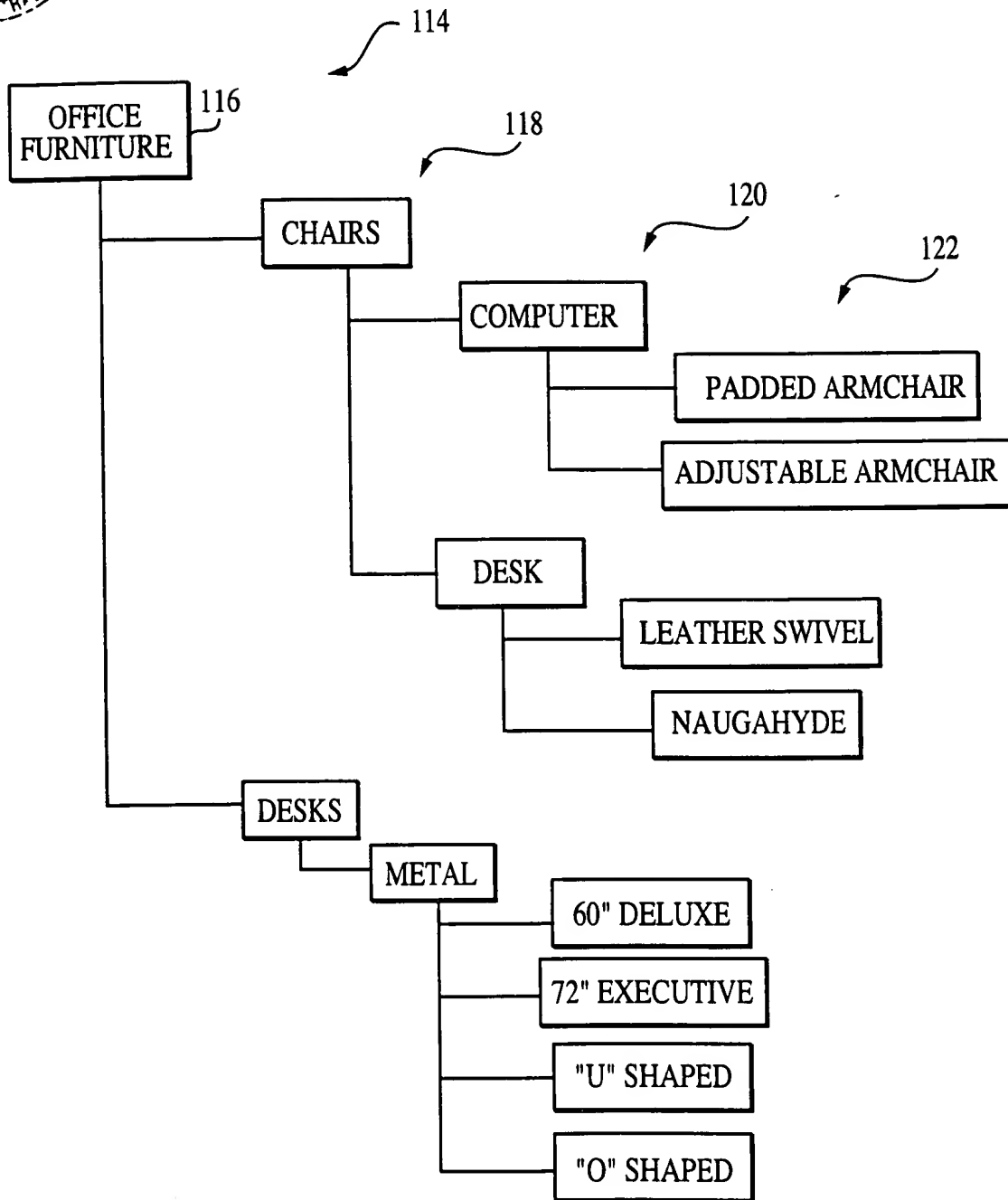


FIG. 7



Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Go Link

Address http://qa03/en/index.html

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Done

Home > Auction Center > Auction: Electrical > Auction Configuration: Step 4: Bid Attributes

Step 1: Setup Auction

Step 2: Format Parameters

Step 3: Item Attributes

Step 4: Bid Attributes

Step 5: Bidders

Step 6: Notes

Auction Summary

Auction: Electrical

Please configure the information fields you would like Partners to provide as part of their bids. To add a new attribute, define the name in the text box and click **Add Attribute**. To delete an attribute from the list, check-select the item and click **Delete Attribute**.

Bid Parameters

New Attribute Name:

Add Attribute

Delete Attributes

☐ Warranty Days

FIG. 8



FIG. 9

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://qa03/en/index.html

Home > Partner Center > Category Rating > Category Rating Edit

Partner: ABC Traders
Category: Electronics

Edit Partner Category Rating

The following are the Participant performance factor ratings for category Electronics
To modify, make changes in the form and click **Save**.
Valid values are from 1 to 100 (Worst to Best).

Name	Code	Description	Default Value	Partner Rating
Quality	Q1	Quality Rating	50	96

Save

Cancel

electronic procurement
application for
strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Done



Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Print Edit Discuss Dell Home

Address http://qa03/en/index.html

Home > Auction Center

View Created Auctions

View Pending Auctions

View Open Auctions

View Closed Auctions

View Awarded Auctions

Import/Export Auctions

The following is the list of Created Auctions you have offered or currently offering. Click on the Auction id or description to bring up the Auction status report. Click on the action links for other Auction features.

1-4 of 4

Name	Type	Open	Close	Actions
<input type="checkbox"/> Supplies	Dutch	<input type="checkbox"/>	<input type="checkbox"/>	Open Auction
<input type="checkbox"/> Electrical	Sealed	<input type="checkbox"/>	<input type="checkbox"/>	Open Auction
<input type="checkbox"/> test1	Sealed	<input type="checkbox"/>	<input type="checkbox"/>	Open Auction
<input type="checkbox"/> AXSAuction_1	Dutch	<input type="checkbox"/>	<input type="checkbox"/>	Open Auction

[Create New Auction](#) [Cancel Selected Auctions](#)

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

[Help](#)

http://qa03/en/b_auction_start.jsp?forward=/en/b_auction_man.jsp?action=list&cur_id=1007&epass_session=abuyer_95

☐ Local intranet

FIG. 10



FIG. 11

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back

Forward

Stop

Address <http://qa03/en/index.html>

Home

Refresh

Search

Favorites

History

Mail

Print

Edit

Discuss

Del Home

Go

Link

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Home > Auction Center > Supplies

Auction Dates

Open Auction for bidding

Populate the dates below to specify the opening and closing time of the auction. When done, click **Open Later** to update the database. Click **Cancel** to cancel any changes. The **Now** buttons will put today's date into the corresponding date selection lists. Click **Open Right Now** to open the auction immediately.

The following rules apply:

1. An auction can NOT be started if:

a. You do not have management privileges.

b. There are no requisitions or items defined for the auction.

c. If the auction is a sealed type and there are no Participants approved for the auction.

2. Opening date can not be modified if the auction has already started.

3. Closing date does not have to be specified.

4. The closing date cannot be before the opening date.

Open Date

Close Date

Month

Day

Year

Hour

Minute

Open Later

Cancel

Open Right Now

Clear

Now

Clear

Now

Done

Local intranet

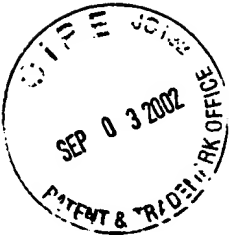


FIG. 12

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back

Forward

Stop

Address <http://qa03/en/index.html>

Home

Refresh

Search

Favorites

History

Mail

Print

Edit

Discuss

Deil Home

Go

Link

Home > Bid Center

View Open Auctions

View Closed Auctions

View Awarded Auctions

View All Auctions

The following Auctions are available. Click on a Auctions name to view the associated requisitions. View All Auctions.

1-7 of 7

Name	Status	Type	Open	Close
rfosshx1	Open	Dutch	05/09/2000 10:29	06/09/2000 10:30
Supplies	Closed	Dutch	05/11/2000 12:01	05/11/2000 15:41
Electrical	Open	Sealed	05/11/2000 14:25	07/11/2000 14:30
RFosshx	Open	Sealed	05/10/2000 16:18	06/10/2000 16:30
Construction	Open	Sealed	05/11/2000 14:31	07/11/2000 14:30
Supplies2	Open	Dutch	05/11/2000 15:48	07/11/2000 16:00
Supplies3	Open	Dutch	05/11/2000 16:14	

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Local intranet

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout



FIG. 13

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

Home > Bid Center > Auction Supplies2 > Requisition Items: Req 1

Auction Info

Auction Name	Supplies2
Auction Status	Open
Auction Type	Dutch
Show All Bidders	No
Start Date	05/11/2000 15:48
End Date	07/11/2000 16:00

View Requisition Items

The following line items are in the requisition.

1-3 of 3

Level	Item	Type	Category	Description	Desired Qty	Price	Action
	Pencils	Single Item	sshcat1	#2 Pencils	1,000		Bid Messages
	Lined Paper	Single Item	sshcat1	8/11 Lined Paper White	100		Bid Messages
	Fax Paper	Single Item	sshcat1	Fax Paper 8/11	1,000		Bid Messages

Supplier Home

Message Center

View Bids

Logout

Help

electronic procurement application for strategic sourcing

ePass

Done

Local intranet



FIG. 14

Back

Forward

Stop

Refresh

Home

Search

Favorites

History

Print

Edit

Discuss

Mail

Go

Link

Address: http://qa03/en/index.html

Product Category

sshcat1

Name

Pencils

Code

PEN101

Description

2 Pencils

Minimum Desired Quantity

1,000

Maximum Desired Quantity

Price Quote Unit

Lot Size

Required Delivery Date

Reserved Price

Historical Price

Minimum Bid Quantity

0

Maximum Bid Quantity

Supplier Home

Message Center

View Bids

Logouts

Help

View Bids

The following are the current bids for this item.

0 of 0

Bidder

Bid Type

Max Bid Quantity

Price per Unit

Enter Bid for the item

Enter the price per Unit and any other fields before clicking the Submit button:

Partner Product Code

PENz10

Comment

In Stock

Maximum

1000

Price Per Unit

05

Save

Cancel

electronic procurement application for strategic sourcing

ePass

Local intranet

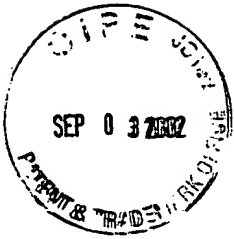


FIG.
15A

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop

Address http://qa03/en/index.html

Home Refresh

Search Favorites History

Mail Print Edit Discuss Dell Home

Go Link

Home > Bid Center > Auction Supplies2 > Requisition: Reg 1 > Item: Pencils

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

electronic procurement application for strategic sourcing

ePass

Auction Info

Auction Name

Auction Status

Auction Type

Show All Bidders

Start Date

End Date

Supplies2

Open

Dutch

No

05/11/2000 15:48

07/11/2000 16:00

Item Details

Product Category

Name

Code

Description

Minimum Desired Quantity

Maximum Desired Quantity

Price Quote Unit

Lot Size

Required Delivery Date

sshcat1

Pencils

PEN101

2 Pencils

1,000

Lowest Bid

Bidder

Max Bid Quantity

Price Per Unit

Highest Bid Allowed

7

1,000

\$0.05

\$0.04

View Bids

The following are the current bids for this item.

Help

Done

Local intranet



FIG.
15B

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home Go Link

Address http://qa03/en/index.html

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Start Date 05/11/2000 15:48

End Date 07/11/2000 16:00

Item Details

Product Category	sshcat1	Reserved Price
Name	Pencils	Historical Price
Code	PEN101	Minimum Bid Quantity 0
Description	# 2 Pencils	Maximum Bid Quantity
Minimum Desired Quantity	1,000	
Maximum Desired Quantity		
Price Quote Unit		
Lot Size		
Required Delivery Date		

Lowest Bid

Bidder	7
Max Bid Quantity	1,000
Price Per Unit	\$0.05
Highest Bid Allowed	\$0.04

View Bids

The following are the current bids for this item.
1-3 of 3

Bidder	Organization	Bid Type	Bundle Code*	Max Bid Quantity	Price Per Unit
Harry Sales	ABC Co	Single Item Bid		1,000	\$0.05
Ed Cation	BestDeal	Single Item Bid		1,000	\$0.05
Boe Cheaper	Surfin' Seller	Single Item Bid		1,000	\$0.06

Done



FIG. 16A

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

Home > Bid Center > Auction: Electrical > Requisition:real > Item: 30 AMP Breakers

Auction Info

Auction Name	Electrical
Auction Status	Open
Auction Type	Sealed
Show All Bidders	No
Start Date	05/11/2000 14:25
End Date	07/11/2000 14:30

Item Details

Product Category	sshcat1	Reserved Price
Name	30 AMP Breakers	Historical Price
Code	BK30A101	Minimum Bid Quantity
Description	30 AMP Circuit Breaker	Maximum Bid Quantity
Minimum Desired Quantity	40	Tolerances
Maximum Desired Quantity		
Price Quote Unit		
Lot Size		
Required Delivery Date		

View Bids

The following are the current bids for this item.

1-5 of 5

Bidder	Organization	Bid Type	Bundle Code*	Min Bid Quantity	Max Bid Quantity	Price Per Unit	One Time Charge
Harry Sales	ABC Co	Single Item Bid		40	100	\$5.00	\$0.00

Ed Caton Best Deal Single Item

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Done

electronic procurement application for strategic sourcing

ePass



FIG. 16B

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

SHOW ALL BIDDERS

NO

Start Date 05/11/2000 14:25

End Date 07/11/2000 14:30

Item Details

Product Category	sshcat1	Reserved Price
Name	30 AMP Breakers	Historical Price
Code	BK30A101	Minimum Bid Quantity 0
Description	30 AMP Circuit Breaker	Maximum Bid Quantity
Minimum Desired Quantity	40	Tolerances
Maximum Desired Quantity		
Price Quote Unit		
Lot Size		
Required Delivery Date		

View Bids

The following are the current bids for this item.

1-5 of 5

Bidder	Organization	Bid Type	Bundle Code*	Min Bid Quantity	Max Bid Quantity	Price Per Unit	One Time Charge
Harry Sales	ABC Co	Single Item Bid		40	100	\$5.00	\$0.00
Ed Cation	BestDeal	Single Item Bid		20	20	\$4.00	\$1.00
Bog	Surfin' Seller	Single Item Bid		1	10	\$5.50	\$0.00
Cheaper	Surfin' Seller	Single Item Bid		11	30	\$5.00	\$0.00
Bog	Surfin' Seller	Single Item Bid		31	50	\$3.50	\$0.00
Cheaper	Surfin' Seller	Single Item Bid					

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Local Intranet



FIG. 17

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

View Bids

The following are the current bids for this item.

0 of 0

Bidder

Bid Type

Min Bid Quantity

Max Bid Quantity

Price Per Unit

One Time Charge

Enter Bid for the Item

Enter the Price per Unit and any other fields before clicking the Submit button:

Partner Product Code

ABKR01

Comment

Warranty Days

6d

Minimum

Maximum

Price Per Unit

One Time Charge

Volume Bid Set 1

1

10

5.50

Volume Bid Set 2

11

30

5.00

Volume Bid Set 3

31

50

3.50

Save

Cancel

electronic procurement application for strategic sourcing

ePass

Supplier Home

Message Center

View Bids

Logout

Help

Required Delivery Date

Local intranet



ITEM	QTY DESIRED	BID 1 ABC CO.	BID 2 BESTDEAL	BID 3 SURFIN
2x4x8	400	400 1.25	400 1.25	400
2x12x10	1000	1000 5.00	1000 4.50	1000
PW 4x8x1/2	100	100 25.00	100 25.00	100
<u>BUNDLED @ \$7350</u>				

FIG. 18



FIG. 19

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

Home > Bid Center > Auction: Construction > Requisition Items: REQ1

Auction Info

Auction Name	Construction
Auction Status	Open
Auction Type	Sealed
Show All Bidders	No
Start Date	05/11/2000 14:31
End Date	07/11/2000 14:30

View Requisition Items

The following line items are in the requisition.

Level	Selection	Item	Type	Category	Description	Desired Qty	Price	Action
	<input checked="" type="checkbox"/>	2x4x8	Single Item	sshcat1	Lumber 2 x 4 x 8 ft	400		Bid Messages
	<input checked="" type="checkbox"/>	2x12x10	Single Item	sshcat1	Lumber 2 x 12 x 10 ft	1,000		Bid Messages
	<input checked="" type="checkbox"/>	PW 4x8x1/2	Single Item	sshcat1	Plywood 4 x 8 x 1/2 in	100		Bid Messages

Select All | Unselect All | Switch All

Create Bundled Bid

electronic procurement application for strategic sourcing

ePass

Supplier Home

Message Center

View Bids

Logout

Help

Local intranet



Supplier Home

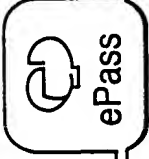
Message Center

View Bids

Logout

Help

electronic procurement application for strategic sourcing



ePass

Home > Bid Center > RFQ: Construction > Requisition:REQ1 > Create Bundled Bid

Auction Info

Auction Name

Construction

Auction Status

Open

Auction Type

Sealed

Show All Bidders

No

Start Date

05/11/2000 14:31

End Date

07/11/2000 14:30

Create Bundled Bid

Enter the product Quantity per Bundle, Price per Bundle, and any other fields before clicking the Submit button:

Seller Bundle Code

Bundled bid for Req 1 of Construction RFQ

Bundle Description

Bundle of Materials

Bundle Composition:

Buyer		Seller	
Line Item	Name	Desired Quantity	Quantity per Bundle
020408	2 x 4 x 8	400	021190
021210	2 x 12 x 20	1,000	090121
0406005	PW 4 x 8 x 1/2	100	902019

Back

Forward

Stop

Refresh

Home

Search

Favorites

History

Mail

Print

Edit

Discuss

Dell Home

Go

Link

Address http://qa03/en/index.html

FIG. 20A



ePass - Microsoft Internet Explorer		File Edit View Favorites Tools Help		Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home Link >>	
Address http://qa03/en/index.html					

Auction type		Sealed
Show All Bidders		No
Start Date	05/11/2000 14:31	
End Date	07/11/2000 14:30	

Create Bundled Bid

Enter the product Quantity per Bundle, Price per Bundle, and any other fields before clicking the Submit button:

Bundle Description:	
Seller Bundle Code	Bundle of Materials
Comment	Bundled bid for Req 1 of Construction RFQ


Bundle Composition:

Buyer		Seller	
Line Item	Name	Desired Quantity	Quantity per Bundle
020408	2 x 4 x 8	400	021190
021210	2 x 12 x 10	1,000	090121
0406005	PW 4 x 8 x 1/2	100	902019

Bundle Pricing:

Number of Bundles		Cost	
Minimum	Maximum	Price per Bundle	One-Time Charge
1	10	7350	

Supplier Home
Message Center
View Bids
Logout
Help



ePass

electronic procurement application for strategic sourcing

FIG. 20B

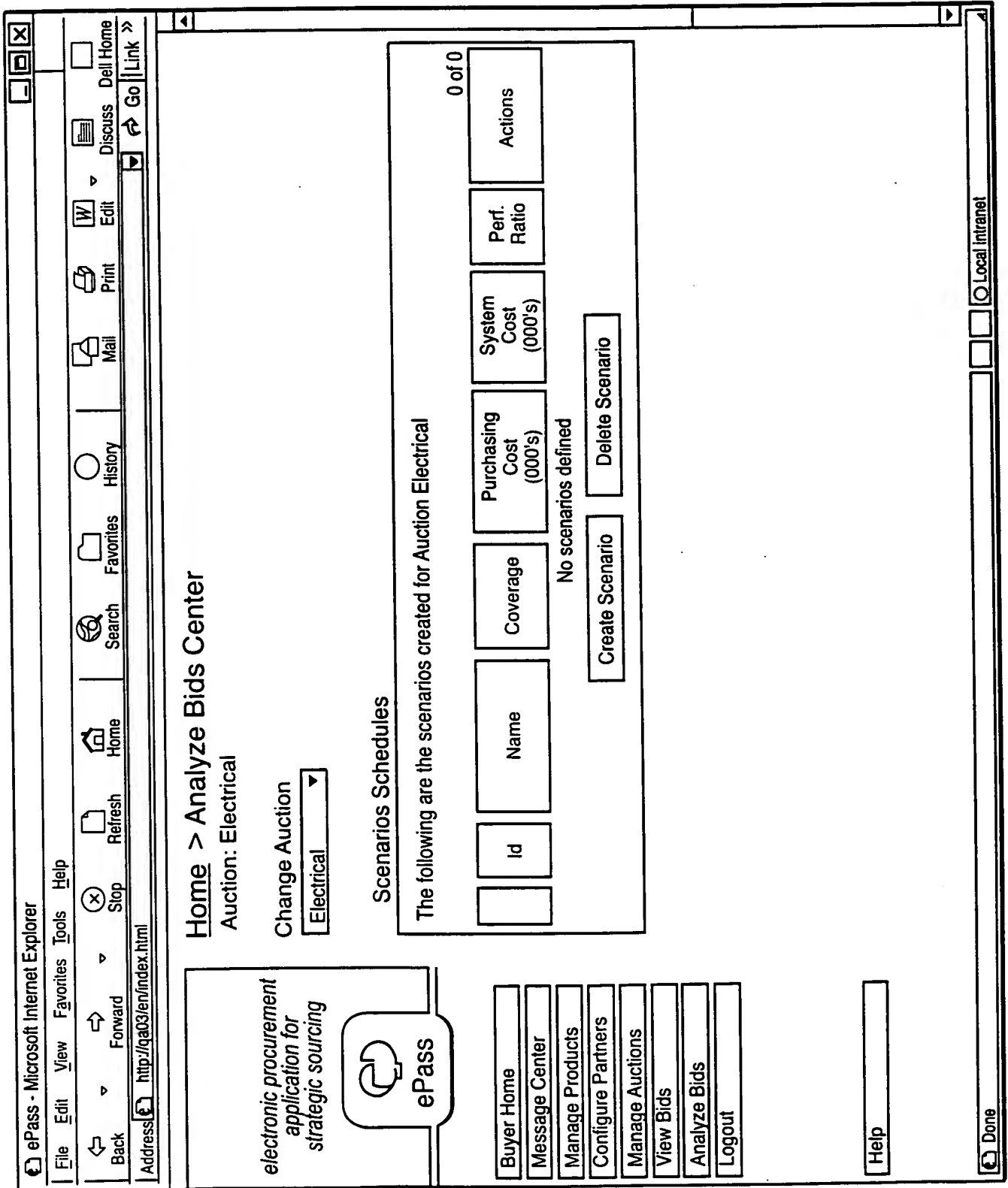


FIG. 21



FIG. 22

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

Home > Analyze Bids Center > New Scenario

Auction: Electrical
Scenario:

New Scenario

Please fill in the following information for the scenario.

Name

Description

Recommend Secondary Vendors

Number of Secondary Vendors

Rules

Performance Factor Weightings

Price

Add Factor

Lowest Total Cost

2

☒ Manual Awards

☒ Business Rules

☒ Bundles

150.00%

Select a Factor

Save

Cancel

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Done Local intranet



FIG. 23

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

1 of 1

Home > Analyze Bids > Business Rules

Auction: Electrical
Scenario: Price Only

Setup Manual Awards Business Rules

The following is a list of business rules defined for scenario Price Only on Auction Electrical

Type	Name	Scope	Partner	Min	Max	Actions
<input type="checkbox"/>	Capacity	BR	Quantity Limit	RFQ	Each Partner	50% Wizard

Create Rule

Delete Rules

electronic procurement application for strategic sourcing

ePass

Buyer Home
Message Center
Manage Products
Configure Partners
Manage Auctions
View Bids
Analyze Bids
Logout

Help

Done



FIG. 25

Back

Forward

Stop

Refresh

Home

Search

Favorites

History

Mail

Print

Edit

Discuss

Dell Home

Go

Link

FileEditViewFavoritesToolsHelp

Addresshttp://qa03/en/index.html

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Business Rule Wizard (Step 2 of 4)

Name

Short Description

Long Description

Ignore For Now?

Type

BR Quantity Limit

BRQTY

Limit Vendors to no more than 50% of Bid

No

Capacity

Please specify the scope of the rule

☒ Auction

☐ Requisition

☐ Category

☐ Item

(Each Requisition)

(Each Category)

(Each Item)

Apply across the entire Auction

Apply only to the specified requisition.

Apply only to the specified category

Apply only to the specified item

<< Back

Next >>

Cancel

Help

Done

Local intranet



FIG. 26

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address http://qa03/en/index.html

electronic procurement application for strategic sourcing

ePass

Buyer Home

Message Center

Manage Products

Configure Partners

Manage Auctions

View Bids

Analyze Bids

Logout

Help

Done

Business Rule Wizard (Step 3 of 4)

Name	BR Quantity Limit
Short Description	BRQTY
Long Description	Limit Vendors to no more than 50% of Bid
Ignore For Now?	No
Type	Capacity
Scope	RFQ

Please specify the Partner affected by the rule

(Each Partner)

Apply the rule to the selected Partner.

<< Back

Next >>

Cancel



ePass - Microsoft Internet Explorer	
<p>File Edit View Favorites Tools Help</p> <hr/> <p>Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home</p> <p>Address http://qa03/en/index.html</p>	

Business Rule Wizard (Step 4 of 4)

Name	BR Quantity Limit
Short Description	BRQTY
Long Description	Limit Vendors to no more than 50% of Bid
Ignore For Now?	No
Type	Capacity
Scope	RFQ
Partner	Each Partner

Please specify the minimum and/or maximum value that should be awarded

Select the units the minimum/maximum value are specified in <input type="radio"/> Units <input type="radio"/> Dollars <input checked="" type="radio"/> Percentage	Specify this value if you require the Partner to be awarded a certain amount. You can leave this field blank if there is no required minimum. For percentage, specify 0.5 for 50%. <div style="border: 1px solid black; height: 20px;"></div>
Minimum Amount to Award	Specify this value if you want to limit the maximum amount awarded to the organization. You can leave this field blank if there is no maximum. For percentage, specify 0.5 for 50%. <div style="border: 1px solid black; width: 100px; text-align: center;">0.5</div>
Maximum Amount to Award	

electronic procurement application for strategic sourcing

ePass

- [Buyer Home](#)
- [Message Center](#)
- [Manage Products](#)
- [Configure Partners](#)
- [Manage Auctions](#)
- [View Bids](#)
- [Analyze Bids](#)
- [Logout](#)

Help

<< Back
Finish
Cancel

Done

FIG. 27



ePass - Microsoft Internet Explorer		File Edit View Favorites Tools Help		Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home Link >>	
Address http://qa03/en/index.html					

Home > Analyze Bids Center > Setup > Edit Scenario


Auction: Electrical
Scenario: Scene Quality

Edit Scenario

Please fill in the following information for the scenario.

Name	Scene Quality		
Description	Price/Quality Analysis		
Recommend Secondary Vendors	Lowest Total Cost		
Number of Secondary Vendors	2		
Rules	<input checked="" type="checkbox"/> Manual Awards	<input checked="" type="checkbox"/> Business Rules	<input checked="" type="checkbox"/> Bundles
Performance Factor Weightings			
Price	100.00%		
Quality	50.00%		

electronic procurement application for strategic sourcing



ePass

- Buyer Home
- Message Center
- Manage Products
- Configure Partners
- Manage Auctions
- View Bids
- Analyze Bids
- Logout

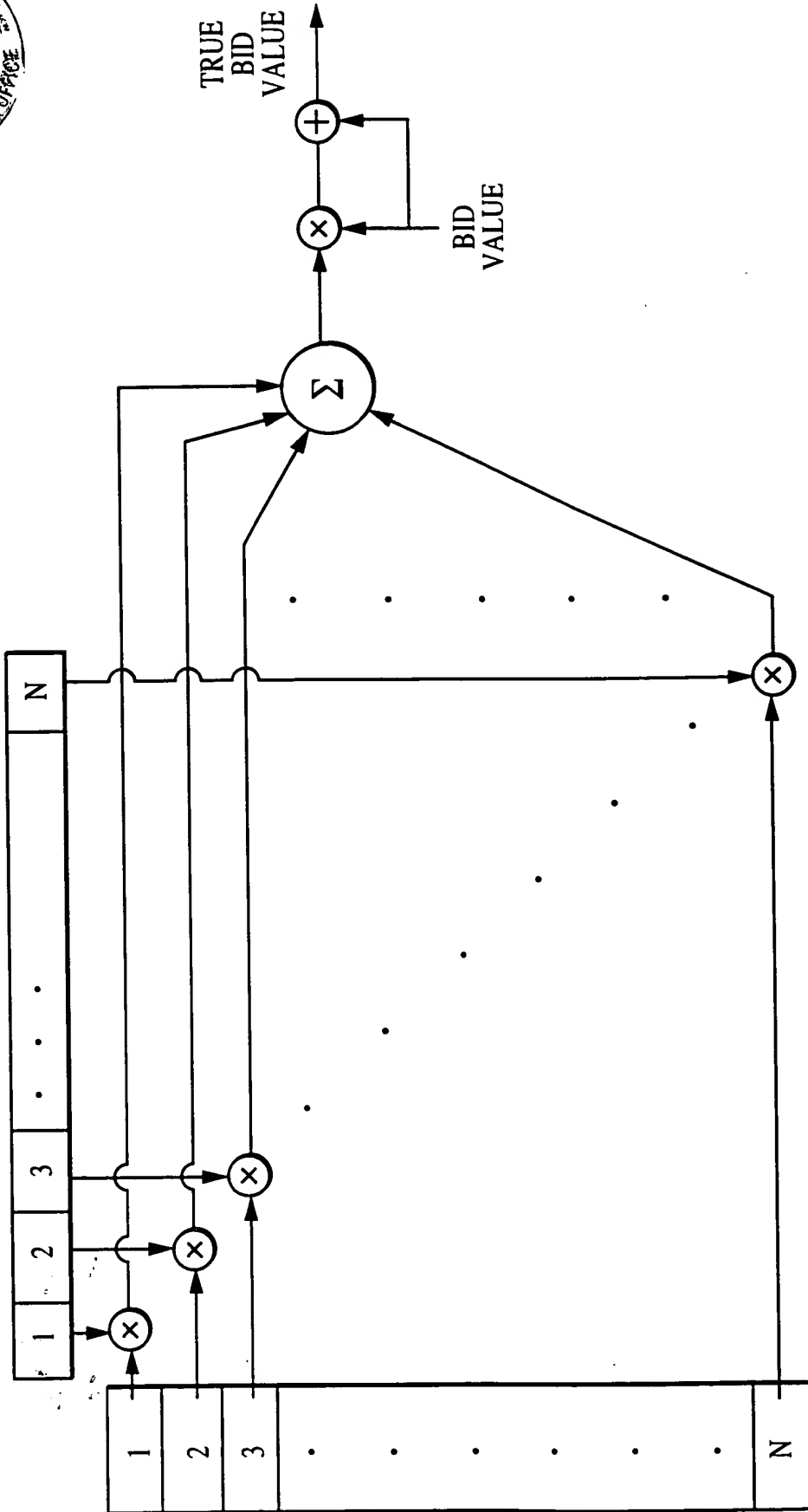
Help

Local intranet

FIG. 28



BUYER DEFINED
 SCENARIO WEIGHTS



PERFORMANCE
 ATTRIBUTES
 FROM DATABASE

FIG. 29



$$\sum_{s \in S} \left\{ \sum_{b(s) \in B(s)} \left[f_i^{b(s)} x_i^{b(s)} + C_i^{b(s)} x_i^{b(s)} \right] + \sum_{d(s) \in D(s)} f_i^{d(s)} + \sum_{i \in d(s)} Z_i^{d(s)} + C_i^{d(s)} Z_i^{d(s)} \right\} +$$

$$\sum_{k \in K} \sum_{i \in I} w_{k,i} \left\{ \sum_{s \in S} \left(\frac{100 - r_{k,i}}{100} \right) \left[\sum_{b(s) \in B(s)} C_i^{b(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} C_i^{d(s)} Z_i^{d(s)} \right] \right\}$$

FIG. 30

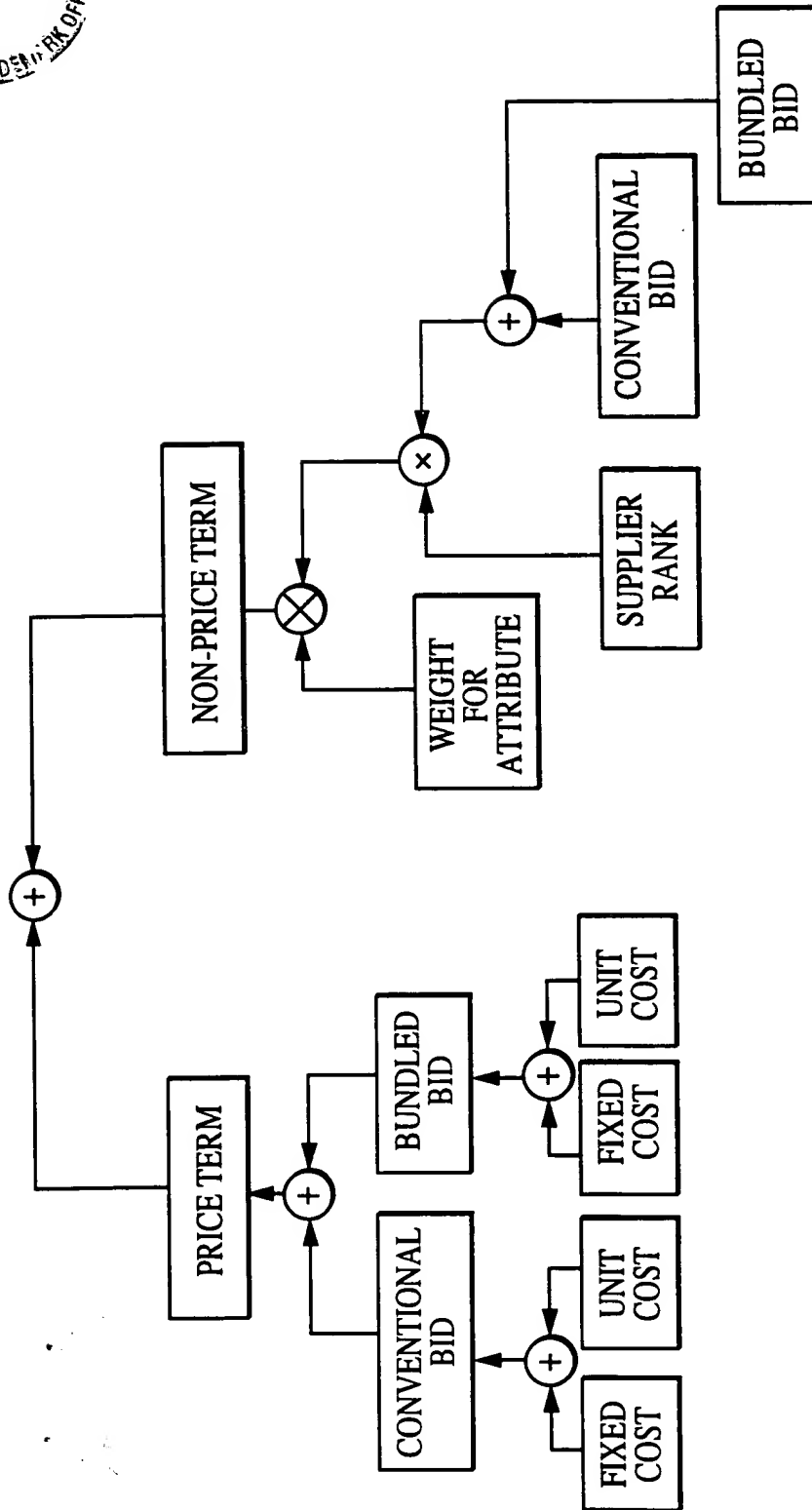


FIG. 31



$$\sum_{s \in S} \left(\sum_{b(s) \in B(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} z_i^{d(s)} \right) \leq Q_i^u \quad \forall i \in I \quad (1)$$

$$\sum_{s \in S} \left(\sum_{b(s) \in B(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} z_i^{d(s)} \right) \geq Q_i^l \quad \forall i \in I \quad (2)$$

$$\sum_{i \in g} \left(\sum_{b(s) \in B(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} z_i^{d(s)} \right) - Y_g^s M_g \leq 0 \quad \begin{matrix} \forall s \in S \\ \forall g \in G \end{matrix} \quad (3)$$

$$\sum_{i \in g} \left(\sum_{b(s) \in B(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} z_i^{d(s)} \right) - Y_g^s \geq 0 \quad \begin{matrix} \forall s \in S \\ \forall g \in G \end{matrix} \quad (4)$$

$$\sum_{s \in T} Y_g^s \leq \text{Max } N_g^t \quad \forall g \in G, \quad \forall t \in T \quad (5)$$

$$\sum_{s \in T} Y_g^s \geq \text{Min } N_g^t \quad \forall g \in G, \quad \forall t \in T \quad (6)$$

FIG. 32



$$\sum_{s \in T} \sum_{i \in g} \left(\sum_{b(s) \in B(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} z_i^{d(s)} \right) \leq \text{Max } Q_g^i \quad \forall g \in G, \forall i \in T \quad (7)$$

$$\sum_{s \in T} \sum_{i \in g} \left(\sum_{b(s) \in B(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} z_i^{d(s)} \right) \geq \text{Min } Q_g^i \quad \forall g \in G, \forall i \in T \quad (8)$$

$$\sum_{s \in T} \sum_{i \in g} \left(\sum_{b(s) \in B(s)} c_i^{b(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} c_i^{d(s)} z_i^{d(s)} \right) \leq \text{Max } V_g^i \quad \forall g \in G, \forall i \in T \quad (9)$$

$$\sum_{s \in T} \sum_{i \in g} \left(\sum_{b(s) \in B(s)} c_i^{b(s)} x_i^{b(s)} + \sum_{d(s) \in D(s)} c_i^{d(s)} z_i^{d(s)} \right) \geq \text{Min } V_g^i \quad \forall g \in G, \forall i \in T \quad (10)$$

FIG. 33



$$(11) \quad Z_i^{d(s)} - u_i^{d(s)} Z^{d(s)} \leq 0 \quad \forall i \in I, \forall s \in S, \forall b(s) \in B(s)$$

$$(12) \quad Z_i^{d(s)} - l_i^{d(s)} Z^{d(s)} \geq 0 \quad \forall i \in I, \forall s \in S, \forall b(s) \in B(s)$$

$$(13) \quad X_i^{b(s)} - X^{b(s)} U_i^{b(s)} \leq 0 \quad \forall s \in S, \forall b(s) \in B(s)$$

$$(14) \quad X_i^{b(s)} - X^{b(s)} L_i^{b(s)} \geq 0 \quad \forall s \in S, \forall b(s) \in B(s)$$

$$(15) \quad 0 \leq X_i^{b(s)} \leq U_i^{b(s)} \quad \forall s \in S, \forall b(s) \in B(s)$$

$$(16) \quad 0 \leq Z_i^{d(s)} \quad \forall d(s) \in D(s)$$

$$(17) \quad X^{b(s)} = \begin{cases} 0 \\ 1 \end{cases} \quad \forall b(s) \in B(s)$$

$$(18) \quad Y_g^s = \begin{cases} 0 \\ 1 \end{cases} \quad \forall g \in G, \forall s \in S$$

$$(19) \quad Z_g^s = \begin{cases} 0 \\ 1 \end{cases} \quad \forall g \in G, \forall s \in S$$

FIG. 34



```
if  $O < O^*$  then
    indicator = C
else if  $p \geq p^*$ 
{
    if  $[O - p \geq O^*]$ 
        indicator = F
    else
        indicator = P
}
else
    indicator = F
```

```
if  $p > p^*$  then
    indicator = P
else if  $O > O^*$  then
    indicator = F
else
    indicator = C
```

FIG. 35



```
if ( $O < O^*$ )  
     $indicator = C$ ;  
else if ( $p \geq ALL(p^i)$ )  
{  
    if ( $(O - p) \geq ALL(O^i)$ )  
         $indicator = F$ ;  
    else  
         $indicator = P$ ;  
}  
else  
     $indicator = F$ 
```

FIG. 36



```
if ( $O < O^*$ )
    indicator = C;
else if ( $O > \text{ALL}(O^i)$ )
{
    if ( $p < p^*$ )
        indicator = F;
    else if ( $((O - p) \geq \text{ALL}(O^i))$ )
        indicator = F;
    else if ( $p > \text{ALL}(p^i)$ )
    {
        if ( $R > \text{ALL}(R^i)$ )
            indicator = PF;
        else
            indicator = P;
    }
    else
        indicator = F;
}
else
{
    if ( $p < p^*$ )
        indicator = FC;
    else if ( $R < R^*$ )
        indicator = PC;
    else
        indicator = PFC;
}
```

FIG. 37